

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
19680-01

SERIAL NO.
09/057,455

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

(37 CFR 1.98(b))

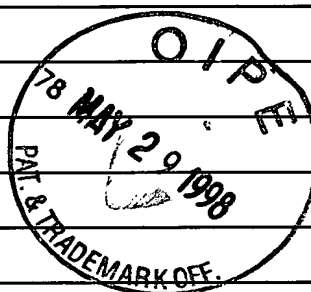
APPLICANT
Takehiko HAMADA

FILING DATE
April 9, 1998

GROUP 2876

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		PATENT NUMBER	ISSUE DATE	PATENTEE	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						



FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
<i>JB</i>	AL	1-197607	8/89	Japan (with Eng- lish abstract)	—	—	
<i>JB</i>	AM	2-126108	5/90	Japan (with Eng- lish abstract)	—	—	
<i>JB</i>	AN	2-140609	5/90	Japan (with Eng- lish abstract)	—	—	
<i>JB</i>	AO	4-102344	4/92	Japan (with Eng- lish abstract)	—	—	
<i>JB</i>	AP	4-110709	4/92	Japan (with Eng- lish abstract)	—	—	

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

	AR	
	AS	
	AT	

EXAMINER

Jack Berman

DATE CONSIDERED

9/30/99

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AI						

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GROUP 2100

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

		DOCUMENT NO.	PUBL. DATE	COUNTRY OR PATENT OFFICE	CLASS	SUB CLASS	TRANSLATION YES NO
<i>JP</i>	AL	6-20633	1/94	Japan (with Eng- lish abstract)			
<i>JP</i>	AM	7-27549	1/95	Japan (with Eng- lish abstract)			
<i>JP</i>	AN	7-243835	9/95	Japan (with Eng- lish abstract)			
<i>JP</i>	AO	63-308510	12/88	Japan (with Eng- lish abstract)			
	AP						

OTHER DOCUMENTS (Including Author, Title, Date, Relevant Pages, Place of Publication)

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